CLAIMS

WHAT IS CLAIMED IS:

1. A process for forming an isotropic thermotropic liquid crystalline part, comprising:

(a) optionally forming a molding composition of a powdered thermotropic liquid crystalline polymer, and optionally

(i) one or more other powdered resins; or

(ii) one or more fillers; or

(iii) one or more other powdered resins and one or more fillers;

(b) placing said molding composition into a mold or molding device;

(c) applying pressure, and sufficient heat to melt said thermotropic liquid crystalline polymer; and

(d) cooling said mold or molding device to solidify said thermotropic liquid crystalline polymer to form a solid part;

and provided that said solid part is isotropic.

2. An apparatus, comprising, an isotropic part which comprises a thermotropic liquid crystalline polymer on which is mounted one or more electric or electronic components.

3. An improved process for reducing wear between a first part having a first surface comprising a thermoplastic, and a second part having a second surface, said first and second surfaces being in contact with one another and moving with respect to one another, wherein the improvement comprises, said first part being isotropic and comprising a thermotropic liquid crystalline polymer.

4. An article according to Claim 1 or 3 which are labrinyth seals, bearings, vacuum pump vanes, hot runner inserts, rolls, LCD sputtering holders, valves, thrust washers, computer chip contactors and nests or CMP retaining rings or components in semiconductor manufacturing, oil production, or clean room operation.